

CLAIMS

1. A combustion-gas seal for a fuel injection valve sealing an annular clearance gap between a mounting hole provided in a housing and a fuel injection valve mounted in the mounting hole, comprising:

a seal ring installed in an annular groove provided on the outer peripheral surface of the fuel injection valve; and

a seal washer sandwiched between the housing and the fuel injection valve at a position toward the rear end of the fuel injection valve from the seal ring.

2. A combustion-gas seal for a fuel injection valve sealing an annular clearance gap between a mounting hole provided in a housing and a fuel injection valve mounted in the mounting hole, comprising:

a seal ring installed in an annular groove provided on the outer peripheral surface of the fuel injection valve; and

a heat-resistant ring installed in a second annular groove provided at a position toward the tip side of the fuel injection valve from the annular groove.

3. A combustion-gas seal for a fuel injection valve sealing an annular clearance gap between a mounting hole provided in a housing and a fuel injection valve mounted

in the mounting hole, comprising:

a seal ring installed in an annular groove provided on the outer peripheral surface of a fuel injection valve;

a seal washer sandwiched between the housing and the fuel injection valve at a position toward the rear end of the fuel injection valve from the seal ring; and

a heat-resistant ring installed in a second annular groove provided at a position toward the tip side of the fuel injection valve from the annular groove.

4. The combustion-gas seal for a fuel injection valve according to claim 2 or 3, wherein

the seal ring and the heat-resistant ring have approximately the same outside diameter.

5. The combustion-gas seal for a fuel injection valve according to claim 1 or 3, wherein

the seal washer has a metal ring and a rubber-like elastic portion which is fitted to the metal ring by baking.